



CONSTRUCTION EQUIPMENT

VOLVO A40G 352441 - TRANSMISSION (AUTO)



Sample No: VCP431853
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP431853	VCP396463	VCP412187	VCP328966
Sample Date	25 Jan 2024	27 Sep 2023	16 Aug 2023	20 Oct 2021
Machine Hours	7893	7073	6804	3406
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	27.9	28.1	28.4	25.4
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	6	3	5
Sodium	ppm	3	2	4	5
Potassium	ppm	2	2	<1	0

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	26	20	17	19
Copper	ppm	24	17	16	30
Lead	ppm	0	0	0	0
Tin	ppm	4	3	2	0
Aluminum	ppm	14	11	12	9
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	3	2	2	4
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	88	73	75	82
Magnesium	ppm	3	2	1	<1
Zinc	ppm	0	11	6	5
Phosphorus	ppm	218	197	196	141
Barium	ppm	0	0	0	0
Boron	ppm	108	93	86	72

Depot: VOLVO0090
Unique No: 10850089
Signed: Don Baldrige
Report Date: 31 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

